Name of the work: **Package No. 02- (Consistsof 5 works)Improvements to Roads and Drains in Coffee Board Layout in Ward no: 07 Bytarayanapura.**

Contractor/Agency : **M/s Sri Venkateshwara Constructions, Prop . Sri Sambashiva**

Name of the Client : BBMP

Estimated Cost : 1000.00 Lakhs

Status of Bill :1st and Part Bill.

In the Presence of :(a) Assistant Engineer,
BBMP, Bangalore.

:(b) Rohith K N Engineer
M/s Shiprama Consulting Engineers Pvt Ltd Bangalore.

Item No.	Description of Item	Comments/observation
1	Removing & Resetting of foothpath slab/drain slab	Work done up to the billed quantity and quality is satisfactory
2	Earth work excavation by manual means for drains,canals and similar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, arricading, caution stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. Page No. 7/ Item No. 1.4.1/ PWD SR 2021-22 (Vol-I)	Work done up to the billed quantity and quality is satisfactory
3	Providing precast slab of 100 mm thick including cost of all materials,labour, curing,transportation,loading unloading,etc.,complete as per the direction of engineer in charge Data Rate	Work done up to the billed quantity and quality is satisfactory
4	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated	Work done up to the billed quantity and quality is satisfactory

	surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work ((V-I, P.No-8, I No-1.12 of PWD SR 2021-22)	
5	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. Page No. 24/ Item No. 4.27/ PWD SR 2021-22 (Vol-III).	Work done up to the billed quantity and quality is satisfactory
6	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means. (P.No.29 It.No.5.1, PWD SR 2021-22 (Vol-III))	Work done up to the billed quantity and quality is satisfactory
7	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects.(Grade-II) (Pg:33, It.No-5.12 C PWD SR:2021-22 (Vol-III))	Work done up to the billed quantity and quality is satisfactory
8	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom (P.No.29 It.No.5.3, PWD SR 2021-22 (Vol-III))	Work done up to the billed quantity and quality is satisfactory
9	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using Crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 per cent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respec (Pg:36, It.No-5.16 C PWD SR:2021-22 (Vol-III))	Work done up to the billed quantity and quality is satisfactory
10	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. Page No. 57/ Item No. 8.15 PWD SR 2021-22 (Vol-III).	Work done up to the billed quantity and quality is satisfactory

11	Cost of Haulage Excluding Loading and Unloading Taking output 25 t load and lead 10 km = 250 t.km (Vol-III) Page No.3, Item No.1.4C of PWD SR 2021-22	Work done up to the billed quantity and quality is satisfactory

For M/s Shiprama Consulting Engineers Pvt Ltd Bangalore

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

Assistant Executive Engineer
Kodigehalli Sub Division
BBMP, Bangalore

DIRECTOR